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Please amend the Abstract as follows:

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ABSTRACT

An improved pressure vessel comprises a tubular casing having an internal cavity and a first and second opening at each end. The internal cavity is divided into a first and second cylindrical plug region extending inward from the first and second opening and a hollow interior region. An optical component in the hollow interior has at least a plurality of optical fiber pigtailed extending therefrom. A first and second cylindrical plug is force fit into the plug regions. At least one plug has a through-hole for receiving optical fiber pigtailed. At least one plug has a ceramic adhesive plug formed by inserting adhesive into the through-hole and preferably filing the void space therein. The adhesive encapsulates the optical fibers passing through the through-hole. The plug has a channel machined into its outer circumference to receive an O-ring. A cap covers over and beyond the outer surface of the plug.

IN THE CLAIMS:

✓ ✓ ✓ ✓
Please cancel Claims 1-2 and 5-8 without prejudice or disclaimer. Please amend
Claims 3-4 and 9-10 as follows:

3. (amended) An improved pressure vessel comprising:

Sub B7 a tubular casing having an internal cavity and an opening in at least one end permitting access to said internal cavity;
3 a plug region adjacent said opening with a plug therein, the plug and plug region
4 having a cross section diminishing in diameter with distance from the opening; and,
5 a component in said hollow interior having at least a first lead passing through
6 said plug to exit the pressure vessel, said plug encapsulating said component lead and
7 sealing said opening.